

CALIFORNIA DIVISION OF MINES AND GEOLOGY

Supplement <sup>#1</sup> to FER-~~33~~ 33

August 3, 1977

According to Ray Coudray, geologist for the County of Santa Barbara, a geologic report exists for a tract development along the approximate trace of the ~~Arroyo Parida~~ <sup>Montecito</sup> fault (telephone call, 8/2/77). The report was done by Donald Weaver (of UCSB) who trenched a partially graded site. Coudray stated that a 6-8 inch wide shear zone juxtaposed older fanglomerate (Pleistocene) and Monterey Formation (Miocene). No soil was present to indicate if the fault had been active during Holocene time.

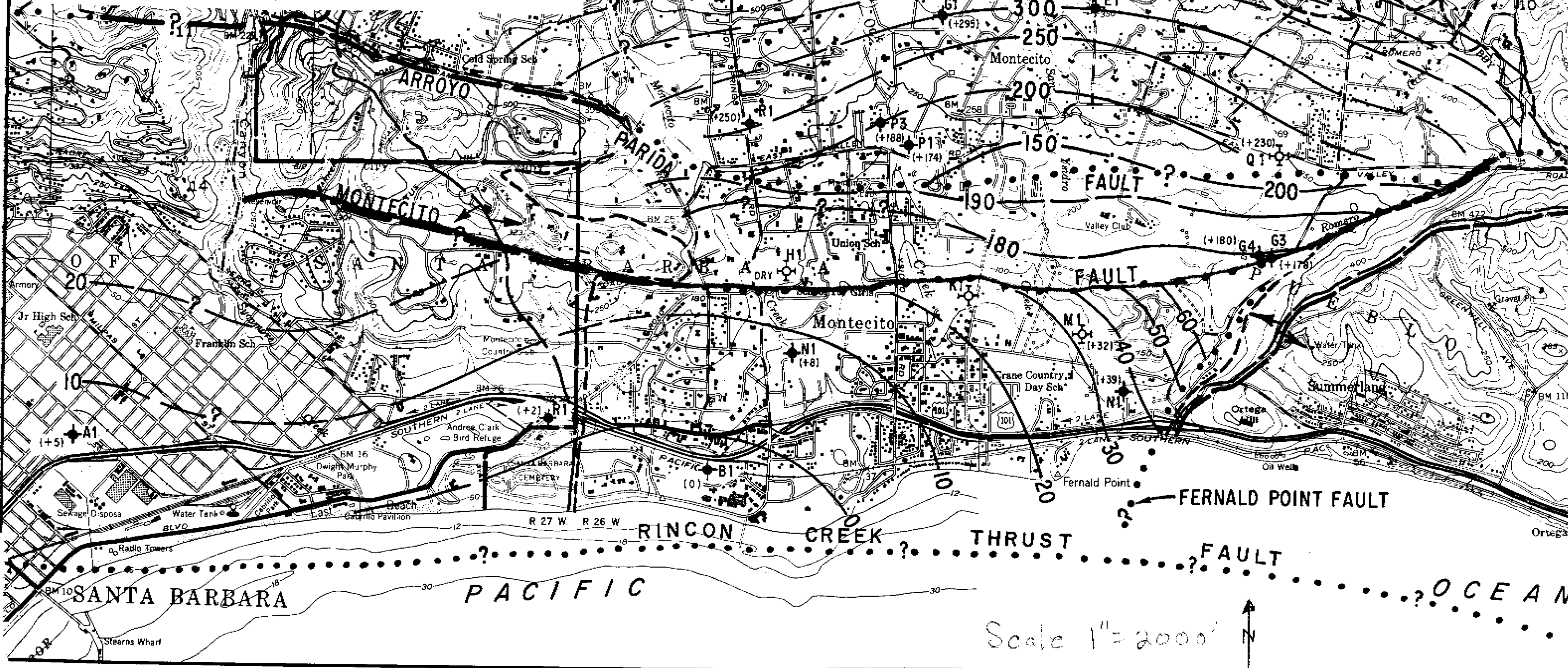
Although Weaver was reportedly concerned that the fault could be active, Coudray believes the fault is a minor en echelon break that is less significant than the fault exposed in the road cut on Chase Avenue. Coudray said he would try to obtain a copy of this report, including the trench log, for our files.

*Earl W. Hart*

LEGEND Fig 2

FER 33

- GROUND WATER BASIN BOUNDARY
- MONTECITO COUNTY WATER DISTRICT BOUNDARY
- ↗ WATERSHED DRAINAGE DIVIDE - ARROWS INDICATE DIRECTION OF SURFACE FLOW
- 150— WATER LEVEL CONTOUR, DASHED WHERE DOUBTFUL, QUERIED WHERE INFERRED. CONTOUR INTERVAL 10 FEET - NORTH OF ARROYO PARIDA FAULT, 50 FEET.
- - - - - FAULT, DASHED WHERE APPROXIMATE, DOTTED WHERE CONCEALED
- C2 WATER WELL LOCATION WITH 1970-1973 WATER LEVEL DATA
- ⊕ KI TEST HOLE LOCATION WITH 1973 WATER LEVEL DATA
- (+295) NUMBER IN PARENTHESIS INDICATES WATER LEVEL ELEVATION



Scale 1"=2000'

